

WHAT IS CLAIMED IS:

1. ~~A printing control method of controlling a printing device to output predetermined data onto a printing medium, comprising:~~

5 a separation printing check step of checking a separating printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output;

10 a printing order check step of checking a printing order setting, set in advance, representing whether the predetermined data is output from a final page or first page; and

15 a control step of, when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output and then additionally output the predetermined medium before a next page is output, and
20 when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the output is output.

25 2. The method according to claim 1, further comprising:
~~a saving state check step of checking whether the~~

printing device is set to a saving state in which a page
having no output data is not output; and

a saving function invalidating step of invalidating
setting of the saving state when setting of additionally
5 outputting the predetermined medium is detected in the
separation printing check step and setting of the saving
state is detected in the saving function check step.

3. The method according to claim 1, wherein the
separation printing check step comprises checking a layout
10 paper printing setting, set in advance, representing
whether a predetermined content is printed on the
predetermined medium, and

the method further comprises:

a saving state check step of checking whether the
15 printing device is set to a saving state in which a page
having no output data is not output; and

a saving function invalidating step of invalidating
setting of the saving state when the separation printing
setting is set to additionally output the predetermined
20 medium, and the layout paper printing setting is set off.

4. The method according to claim 1, wherein the printing
medium is a transparent resin film, and the predetermined
medium is paper.

5. The method according to claim 3, wherein the
25 predetermined content is the same as a content printed on
each page of the output.

each page of the output.

6. The method according to claim 1, further comprising
a spool step of converting the predetermined data into
another format and saving the converted data as a spool
5 file; and

a despooler step of mapping the spool file under
control of the control step and supplying the mapped file
to the printing device.

7. A printing control apparatus for controlling a
10 printing device to output predetermined data onto a
printing medium, comprising:

separation printing check means for checking a
separating printing setting, set in advance, representing
whether a predetermined medium is additionally output over
15 each page of the output result;

printing order check means for checking a printing
order setting, set in advance, representing whether the
predetermined data is output from a final page or first
page; and

20 control means for, when the separation printing
setting is set to additionally output the predetermined
medium and the printing order setting is set to output the
predetermined data from the first page, controlling to
output each page of the output result and then additionally
25 output the predetermined medium before a next page is output,
and when the separation printing setting is set to

~~additionally output the predetermined medium and the~~
printing order setting is set to output the predetermined
data from the final page, controlling to additionally
output the predetermined medium before each page of the
5 output result is output.

8. The apparatus according to claim 7, further
comprising:

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saving state check means for checking whether the
printing device is set to a saving state in which a page
having no output data is not output; and

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saving function invalidating means for invalidating
setting of the saving state when setting of additionally
outputting the predetermined medium is detected by said
separation printing check means and setting of the saving
state is detected by said saving function check means.

9. The apparatus according to claim 7, wherein said
separation printing check means checks a layout paper
printing setting, set in advance, representing whether a
predetermined content is printed on the predetermined
20 medium, and

said apparatus further comprises:

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saving state check means for checking whether the
printing device is set to a saving state in which a page
having no output data is not output; and

saving function invalidating means for invalidating
setting of the saving state when the separation printing

~~Setting is set to additionally output the predetermined medium, and the layout paper printing setting is set off.~~

10. The apparatus according to claim 7, wherein the printing medium is a transparent resin film, and the predetermined medium is paper.

11. The apparatus according to claim 9, wherein the predetermined content is the same as a content printed on each page of the output result.

12. The apparatus according to claim 7, further comprising spool means for converting the predetermined data into another format and saving the converted data as a spool file; and

despooler means for mapping the spool file under control of said control means and supplying the mapped file to the printing device.

13. A storage medium storing a program which can be executed by an apparatus, wherein the apparatus which executes the program is operated as a printing control apparatus for controlling a printing device to output predetermined data onto a printing medium, said printing control apparatus having:

separation printing check means for checking a separating printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output result;

printing order check means for checking a printing

~~order setting, set in advance, representing whether the predetermined data is output from a final page or first page; and~~

control means for, when the separation printing
5 setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output result and then additionally output the predetermined medium before a next page is output,
10 and when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the
15 output result is output.

14. A printing control method comprising:
checking a printing settings including whether a plurality of different medium are to be output for each page data;
and

20 determining an output order of the plurality of different medium.